

Converting Colors

CIELCh(52, 3.447, 101.249)

Have a look what the booklet for
CIELCh(52, 3.447, 101.249) contains.

CIELCh(52, 3.489, 103.030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 3.489, 103.030)

Conversions

Conversions Part 1

Format	Color
Hex	7D7C76
RGB	125, 124, 118
RGB Percent	49%, 49%, 46%
CMY	0.5091, 0.5130, 0.5366
CMYK	0.00, 0.01, 0.06, 0.51
HSL	51°, 3%, 48%
HSV	51°, 6%, 49%
XYZ	18.9928, 20.1443, 20.0808
YIQ	123.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

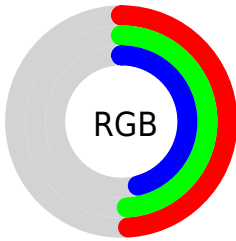
Format	Color
R_{YB}	119, 125, 118
Decimal	8223862
CIE Lab	52.00, -0.79, 3.40
CIE LCh	52, 3.489, 103.030
Yxy	20.1443, 0.3207, 0.3402
Android (android.graphics.Color)	4286413942 (0xFF7D7C76)
YUV	123.6150, -2.7682, 1.2146
Hunter-Lab	44.8824, -3.0087, 4.8909

Details

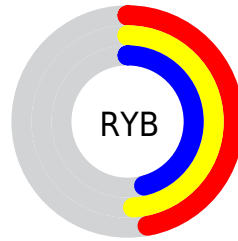
The CIELCh color **52, 3.489, 103.030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 3.529, 284.267**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 3.332, 96.663**, and **32, 3.184, 101.534** is the 20% darker color. If you saturate the color by 10%, you get **51, 9.759, 102.015**, and if you desaturate by 10%, it is **53, 2.755, 284.126**.

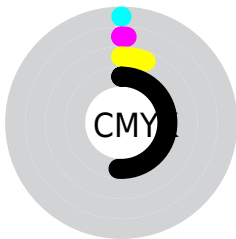
Distribution



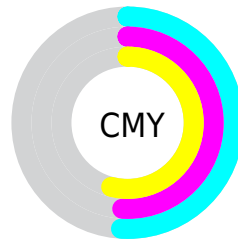
- Red (49%)
- Green (49%)
- Blue (46%)



- Red (47%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 3.489, 103.030 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 3.489, 103.030 by changing the saturation by 10% instead.

■ 52, 3.489, 103.030

■ 52, 3.489, 103.030

■ 100, 3.489,
103.030

■ 42, 3.489, 103.030

■ 72, 3.489, 103.030

■ 32, 3.489, 103.030

■ 82, 3.489, 103.030

■ 22, 3.489, 103.030

■ 92, 3.489, 103.030

■ 12, 3.489, 103.030

■ 2, 3.489, 103.030

■ 0, 3.489, 103.030

■ 52, 3.489, 103.030

■ 52, 3.489, 103.030

■ 51, 9.759, 102.015

■ 53, 2.755, 284.126

■ 50, 16.028,

■ 54, 8.962, 285.088

100.945

■ 55, 15.123,
286.029

■ 50, 22.257, 99.858

■ 56, 21.235,
286.930

■ 49, 28.379, 98.764

■ 48, 34.283, 97.673

■ 57, 27.295,
287.789

■ 48, 39.793, 96.598

■ 58, 33.301,
288.605

■ 47, 44.639, 95.545

■ 46, 48.462, 94.514

■ 59, 39.253,
289.378

■ 46, 51.013, 93.493

■ 60, 45.152,
290.109

■ 61, 50.996,
290.798

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 3.489, 103.030



50, 3.529, 284.267

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 3.489, 103.030



52, 3.489, 153.030



52, 3.489, 283.030



52, 3.489, 333.030

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 3.490, 103.049



67, 1.544, 103.369



50, 2.909, 7.476



35, 0.873, 103.379



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 3.490, 103.049



66, 5.430, 102.891



52, 4.176, 123.399



27, 2.859, 102.878



46, 52.777, 93.037



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50, 3.529, 284.267



64, 5.498, 284.437



50, 4.226, 303.941



25, 2.894, 284.451



15, 72.257, 303.382



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 3.489, 103.030 looks on a white background.

Color Contrast Check

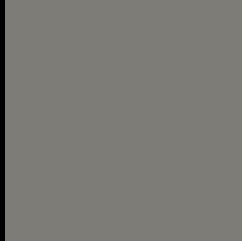
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 52, 3.489, 103.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

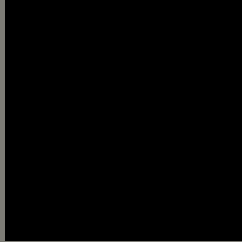
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

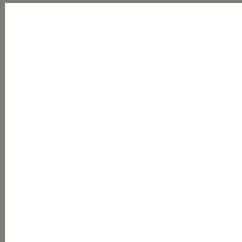
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 3.489, 103.030

Background



This preview shows how black text looks on a background with the CIELCh color 52, 3.489, 103.030.



This preview shows how white text looks on a background with the CIELCh color 52, 3.489, 103.030.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52, 3.489, 103.030

Protanopia

52, 3.529, 74.435

Deuteranopia

52, 7.445, 24.614



Tritanopia
52, 6.162, 309.377

Trichromacy



Original Color
52, 3.489, 103.030

Protanomaly
52, 3.310, 80.264

Deuteranomaly
52, 4.826, 40.809

Tritanomaly
52, 2.628, 317.369

Monochromacy



Original Color
52, 3.489, 103.030

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 1.153, 109.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 3.489, 103.030 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 3.489, 103.030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 124, 118) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 124, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(125, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 3.489, 103.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
124, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor